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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/579,827

05/17/2006

Jong Hee Hong

JUN 127NP

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09/30/2008

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WASHINGTON, DC 20005

EXAMINER

AKINYEMI, AJIBOLA A

ART UNIT

PAPER NUMBER

2618

MAIL DATE

DELIVERY MODE

09/30/2008

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/579,827	<b>Applicant(s)</b> HONG, JONG HEE	
	<b>Examiner</b> AJIBOLA AKINYEMI	<b>Art Unit</b> 2618	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 17 May 2006.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 May 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

3. Claims 1, 2 and 3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Alis (Pub. No.: US 2001/0035444A1) and further in view of Ghassabian (Pub. No.: US 2004/0209657A1) and Edreich (Pub. No.: US 2002/0193151A1).

With respect to claim 1:

Alis disclosed a buckle-phone coupled with a belt, including a mobile phone accommodating section (fig.6, item 10) for attachably and detachably supporting the mobile phone the side of the mobile phone being coupled with the side of the belt; buckle provided at the other side of the mobile phone support and coupled with the other side of the belt so as to adjust the belt length to correspond to the user's waist 20 size (fig.6). Alis did not disclose a mobile phone bent in the length direction of a belt

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corresponding to users waist, an earphone assembly electrically connected to the mobile phone installed in the mobile phone support, and including earphones, a microphone, and an earphone wire connected with the mobile phone support, the earphones, and the microphone; an earphone accommodating section provided at the mobile phone support and accommodating the earphone assembly. Ghassabian disclosed a mobile phone which is bent in the length direction of a belt corresponding to users waist (fig.1A). It would have been obvious to one of ordinary skill in the art at the time the invention was made to have a mobile phone bent in the length direction of a belt in order to be able to carry the phone comfortably with the body without any distraction. Edreich disclosed an earphone assembly electrically connected to the mobile phone installed in the mobile phone support, and including earphones, a microphone, and an earphone wire connected with the mobile phone support, the earphones, and the microphone; an earphone accommodating section provided at the mobile phone support and accommodating the earphone assembly.(fig.3). It would have been obvious to one of ordinary skill in the art at the time the invention was made to have an earphone assembly electrically connected to the mobile phone installed in the mobile phone support, and including earphones, a microphone in order to avoid both hands free from distraction.

With respect to claim 2:

Edreich disclosed a phone wherein the earphone assembly comprises an earphone main body installed with the earphones; and a microphone installing section installed with the microphone and extendably coupled with the earphone main body (fig.7).

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With respect to claim 3:

Edrich disclosed a phone wherein the earphone accommodating section accommodates the earphone main body and the microphone installing section, and comprises an elastic reel for winding the earphone wire to be elastically withdrawn (Parag. 0011).

4. Claims 4 and 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Alis (Pub. No.: US 2001/0035444A1 and further in view of Ghassabian (Pub. No.: US 2004/0209657A1), Edreich (Pub. No.: US 2002/0193151A1) and Tong (Pub. No.: US 2003/0003969A1).

With respect to claim 4:

Alis disclosed a buckle-phone coupled with a belt, including a mobile phone accommodating section (fig.6, item 10) for attachably and detachably supporting the mobile phone the side of the mobile phone being coupled with the side of the belt; buckle provided at the other side of the mobile phone support and coupled with the other side of the belt so as to adjust the belt length to correspond to the user's waist 20 size (fig.6). Ghassabian disclosed a mobile phone which is bent in the length direction of a belt corresponding to users waist (fig.1A). Edreich disclosed an earphone assembly electrically connected to the mobile phone installed in the mobile phone support, and including earphones, a microphone, an earphone wire connected with the mobile phone support and an elastic members coupled to the one of the terminal contact to elastically push out the signal terminal (fig.8). Alis, Ghassabian and Edreich did not disclose a

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signal terminal provided at the mobile phone for making contact with the mobile phone support so as to enable communication, terminal contact protrusions in which one of the terminal contact protrusions is protruded from the mobile phone accommodating section so as to make contact with the signal terminal, and the other one of the terminal contact protrusions is provided at the inside of the mobile phone accommodating section and is connected with the earphone assembly. Tong disclosed the above limitation. It would have been obvious to one of ordinary skill in the art at the time the invention was made to have all the above limitation for a design choice.

With respect to claim 5:

Alis disclosed a buckle-phone coupled with a belt, including a mobile phone accommodating section (fig.6, item 10) for attachably and detachably supporting the mobile phone the side of the mobile phone being coupled with the side of the belt; buckle provided at the other side of the mobile phone support and coupled with the other side of the belt so as to adjust the belt length to correspond to the user's waist 20 size (fig.6). Ghassabian disclosed a mobile phone which is bent in the length direction of a belt corresponding to users' waist (fig.1A). Edreich disclosed an earphone assembly electrically connected to the mobile phone installed in the mobile phone support, and including earphones, a microphone, and an earphone wire connected with the mobile phone support, the earphones, and the microphone; an earphone accommodating section provided at the mobile phone support and accommodating the earphone assembly.(fig.3). Ghassabian did not disclose a hook coupling section

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provided at sides of the mobile phone but It would have been obvious to one of ordinary skill in the art at the time the invention was made to have hook at the side of the mobile phone so that the phone can be able to hang very well on belt or anywhere else to on the body preferred by the user.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to AJIBOLA AKINYEMI whose telephone number is (571)270-1846. The examiner can normally be reached on monday- friday (8.30-5pm) Est.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, YUWEN PAN can be reached on (571) 272-7855. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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/Yuwen Pan/  
Primary Examiner, Art Unit 2618